

**Figure 1.**

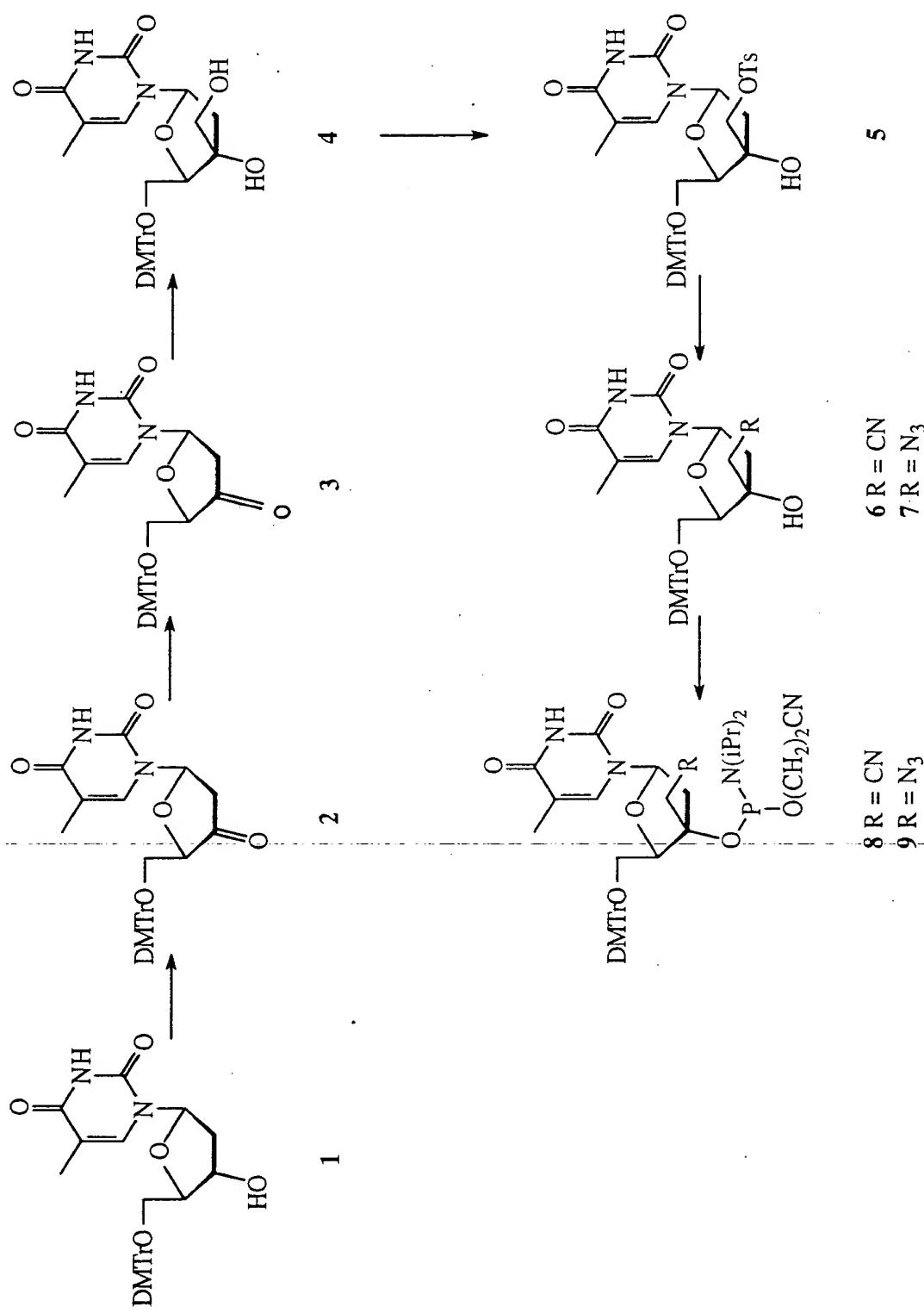
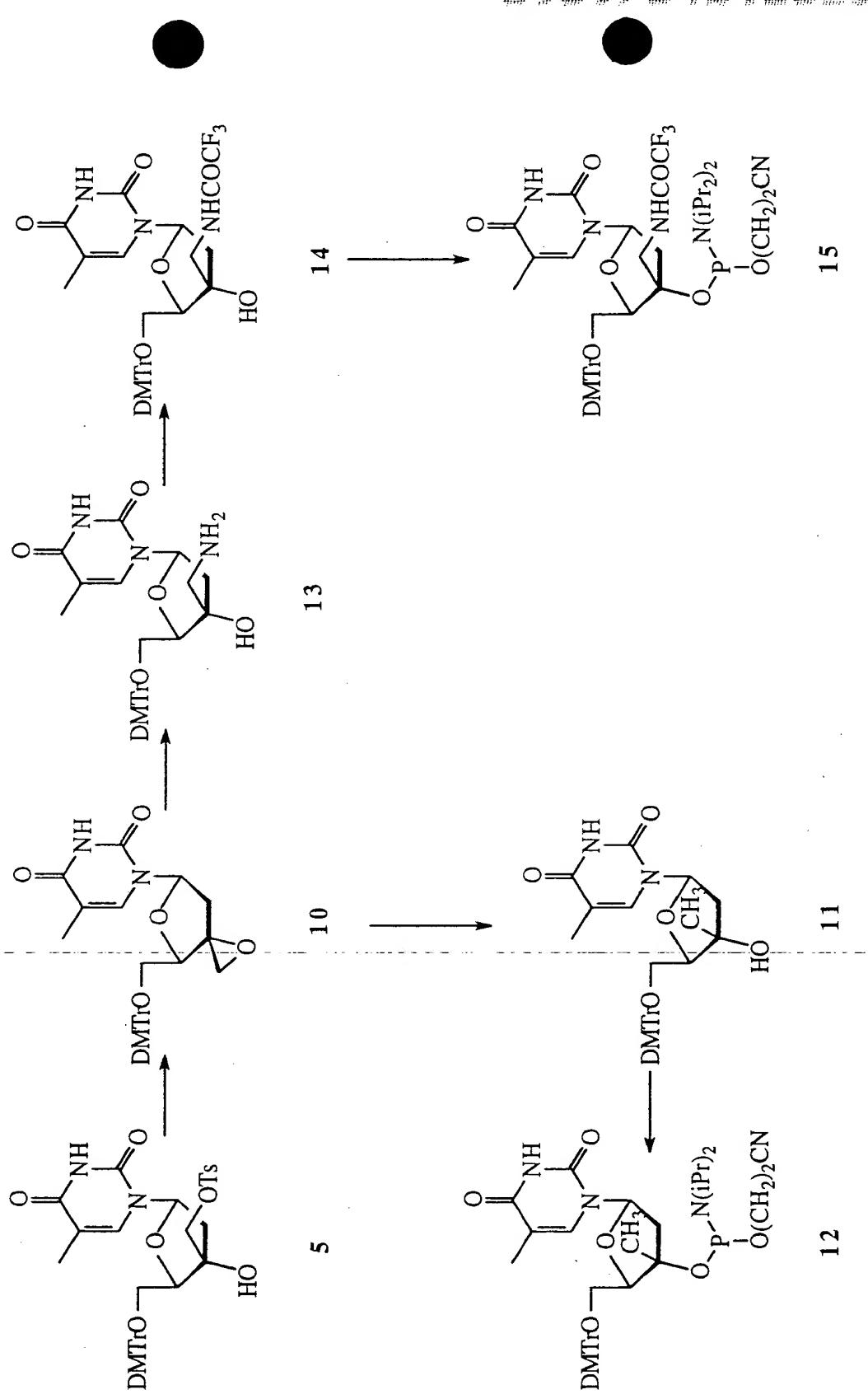


Figure 2. Reaction scheme 1.

Figure 3. Reaction scheme 2.



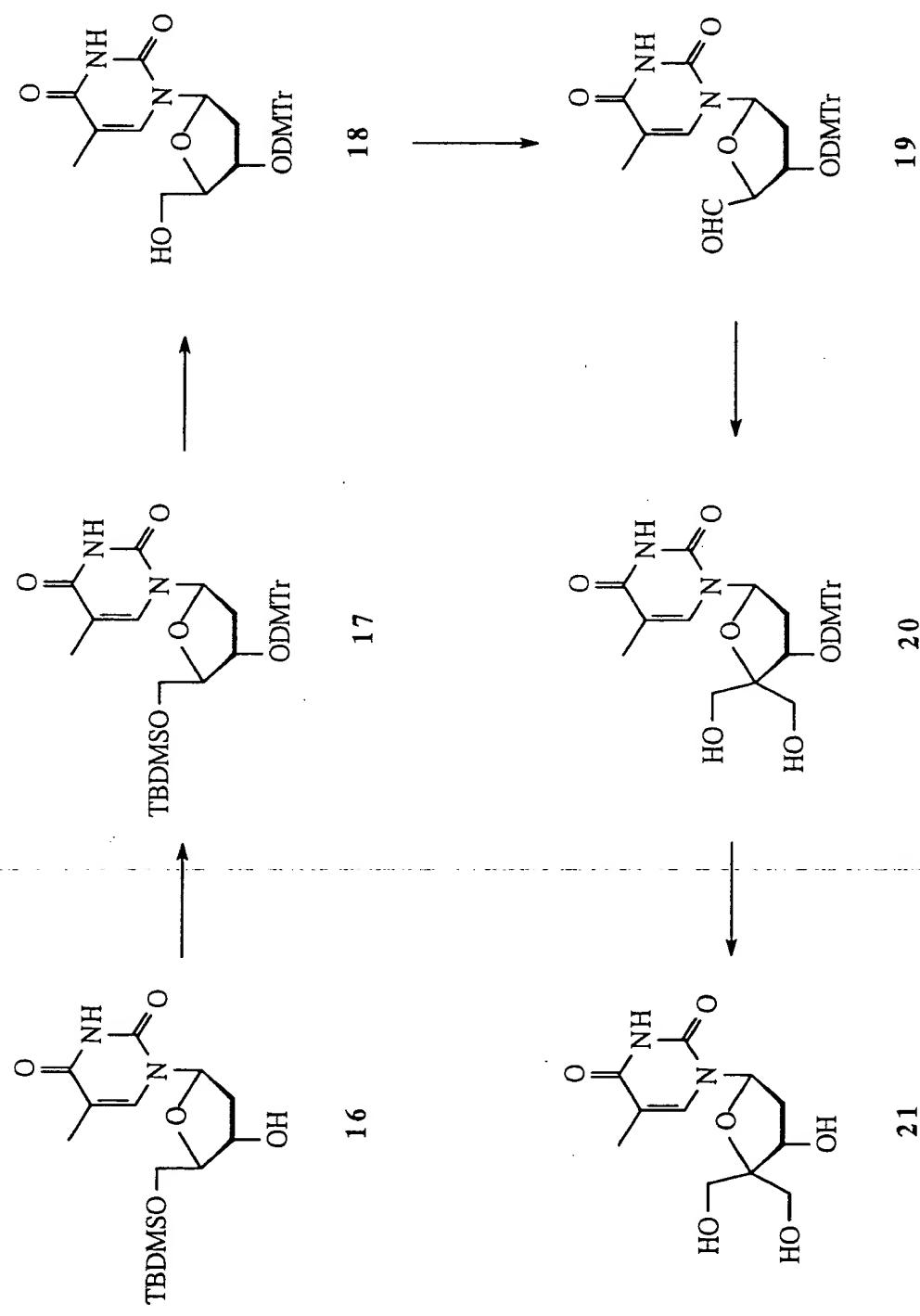


Figure 4. Reaction scheme 3.

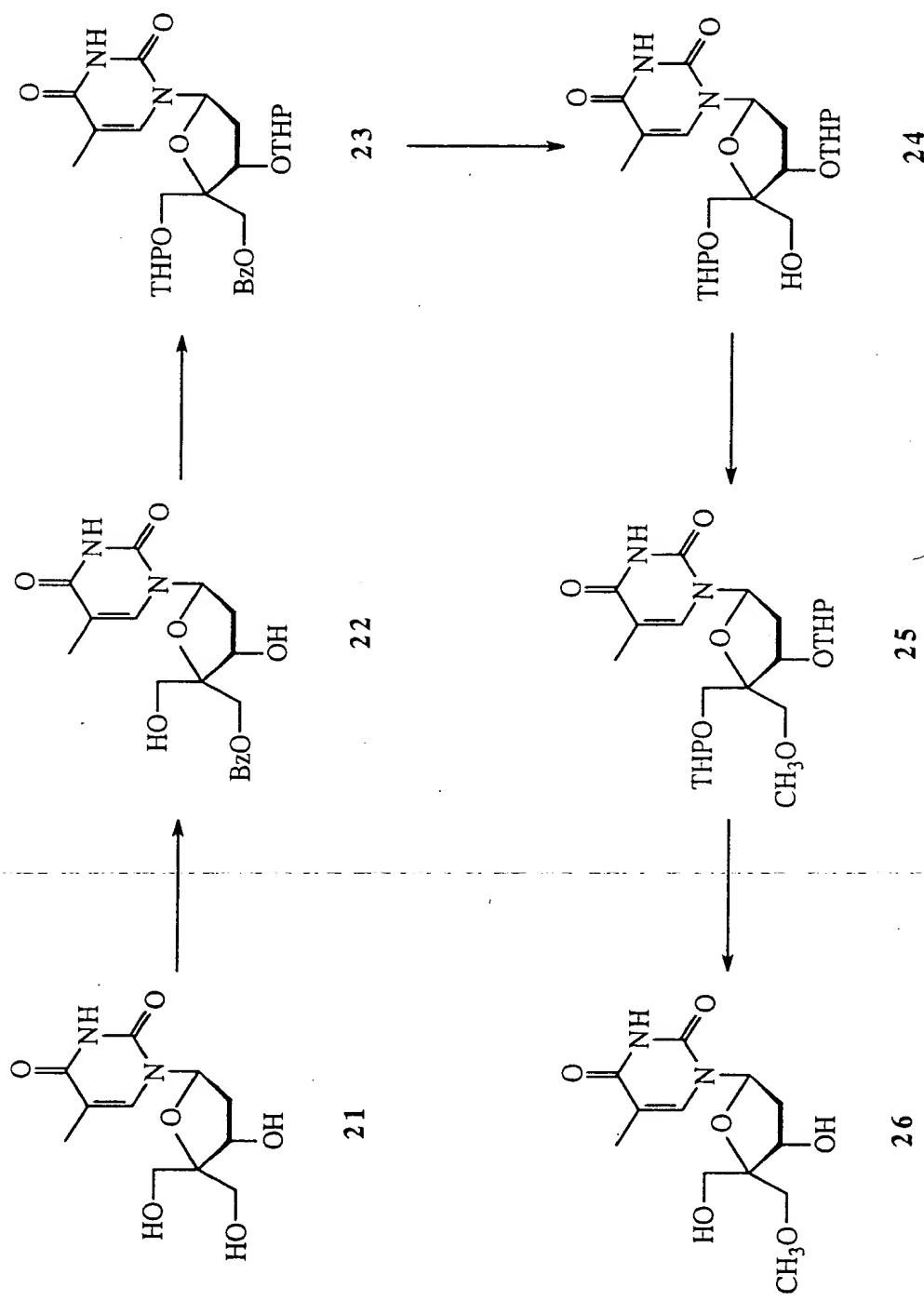


Figure 5. Reaction scheme 3 (Cont'd.).

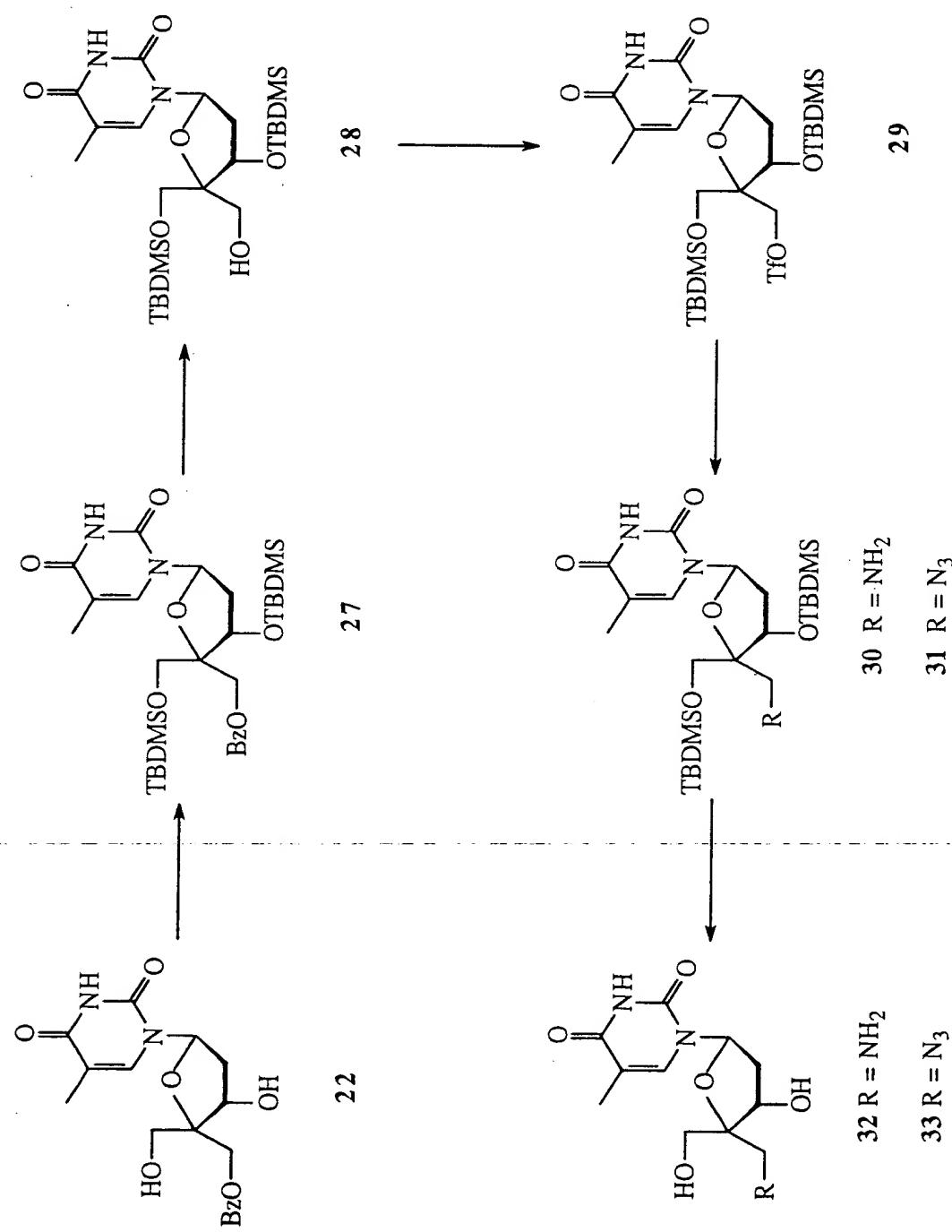
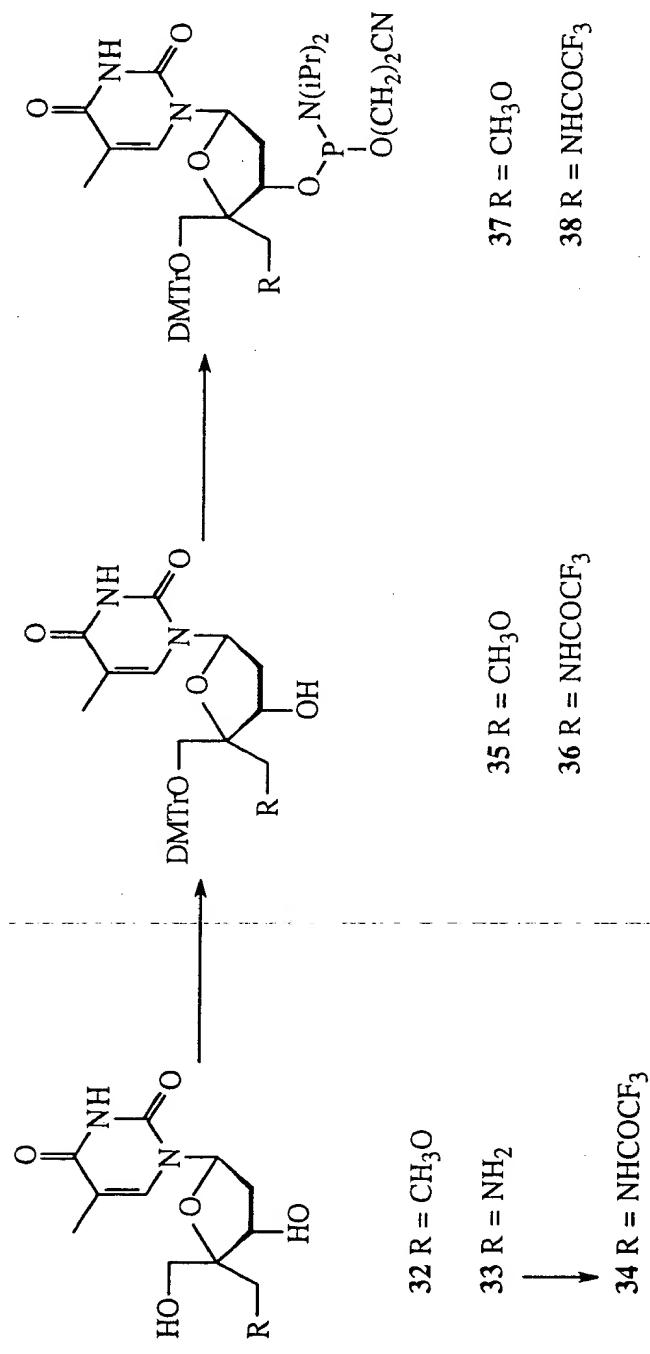


Figure 6. Reaction scheme 4.

Figure 7 Reaction scheme 5.



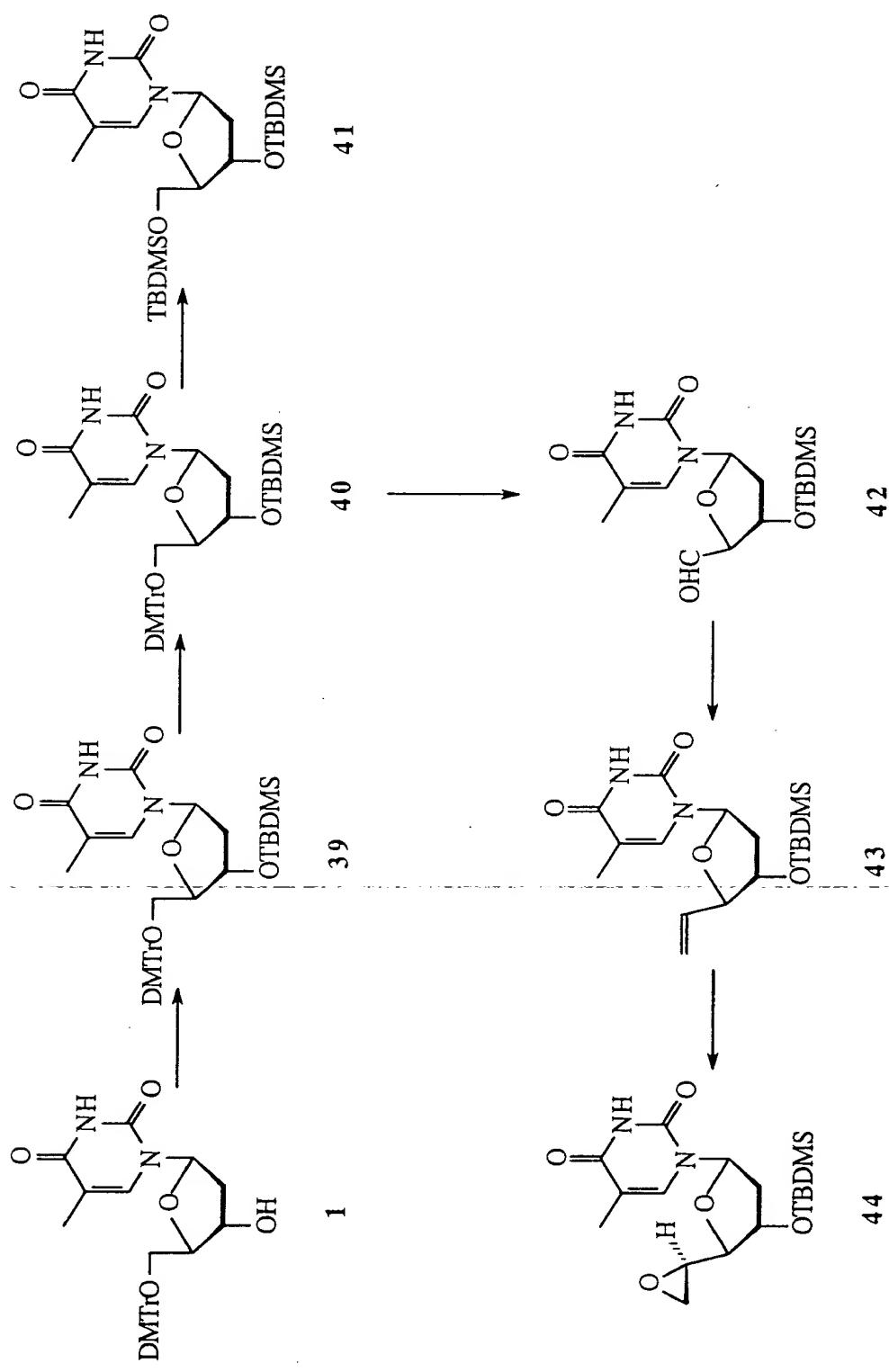


Figure 8. Reaction scheme 6.

Figure 9. Reaction scheme 6 (Cont'd.).

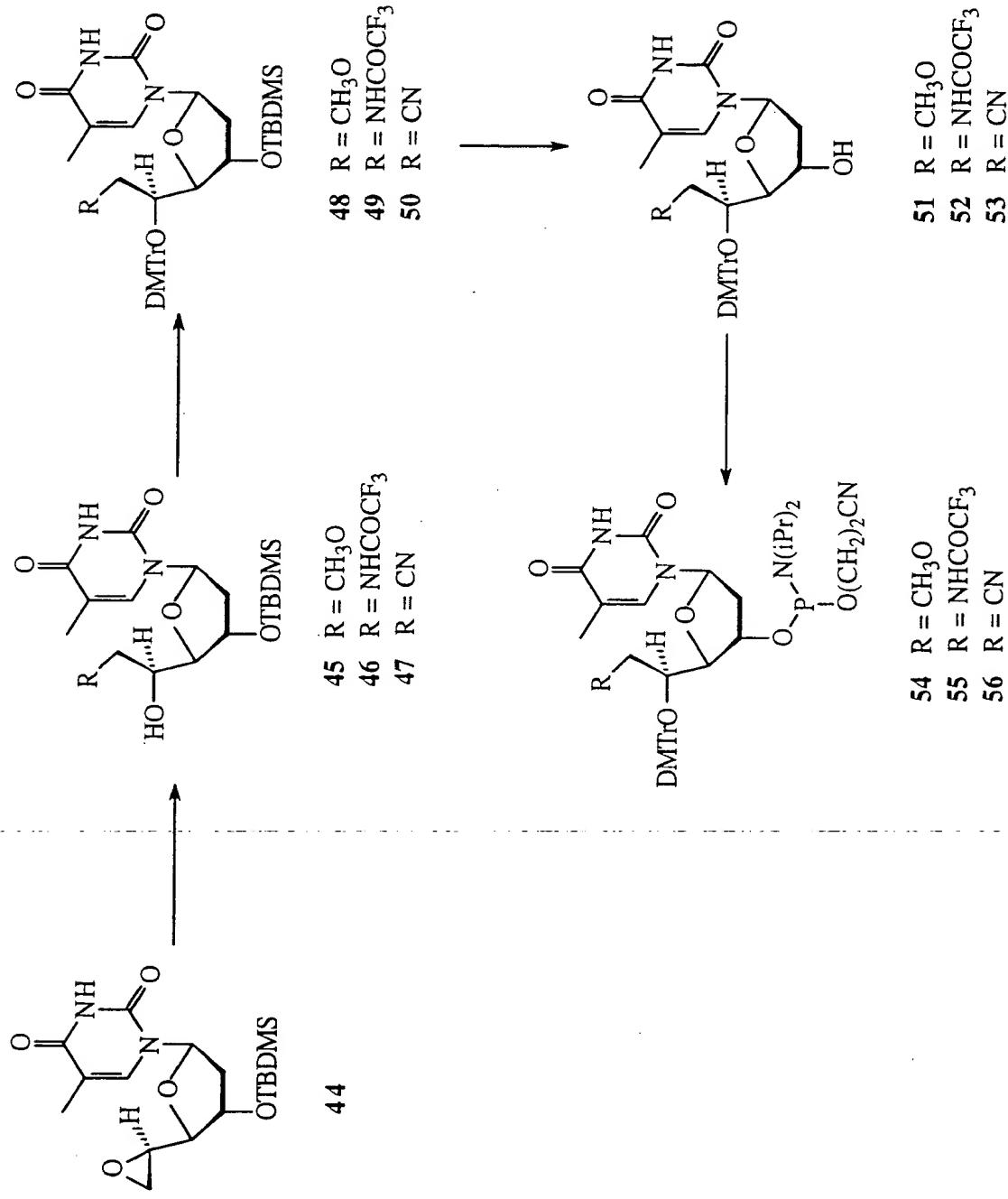
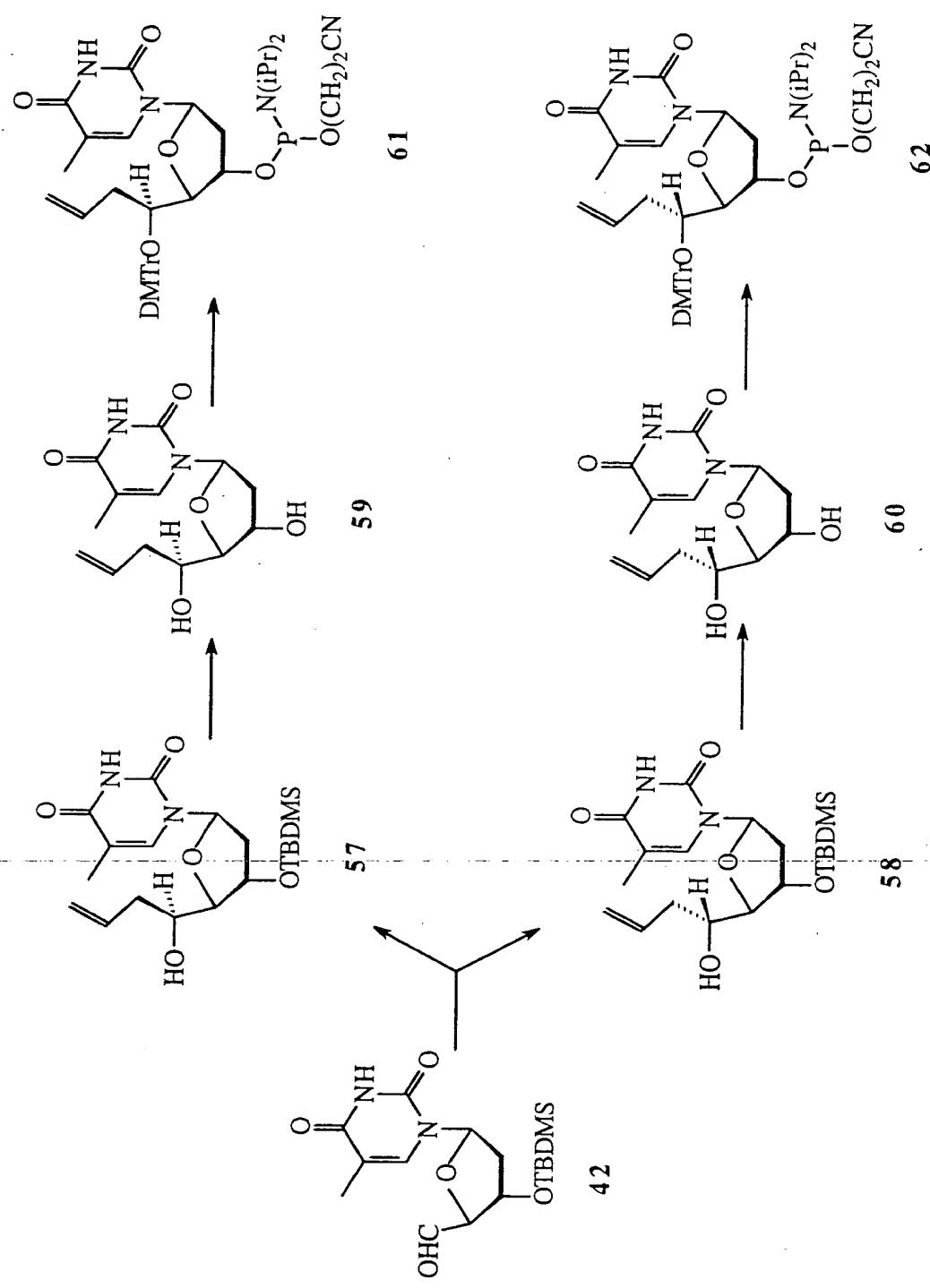
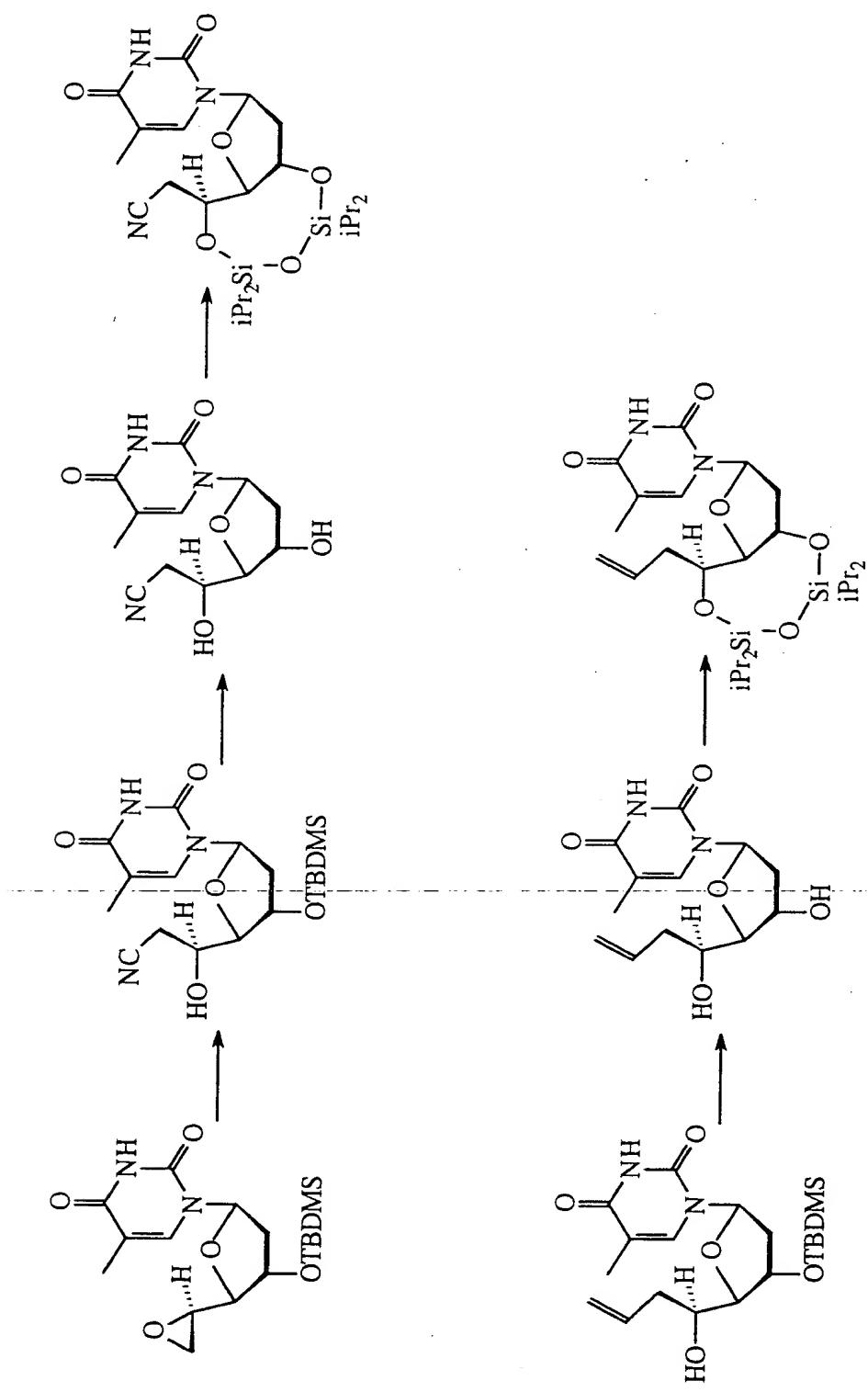


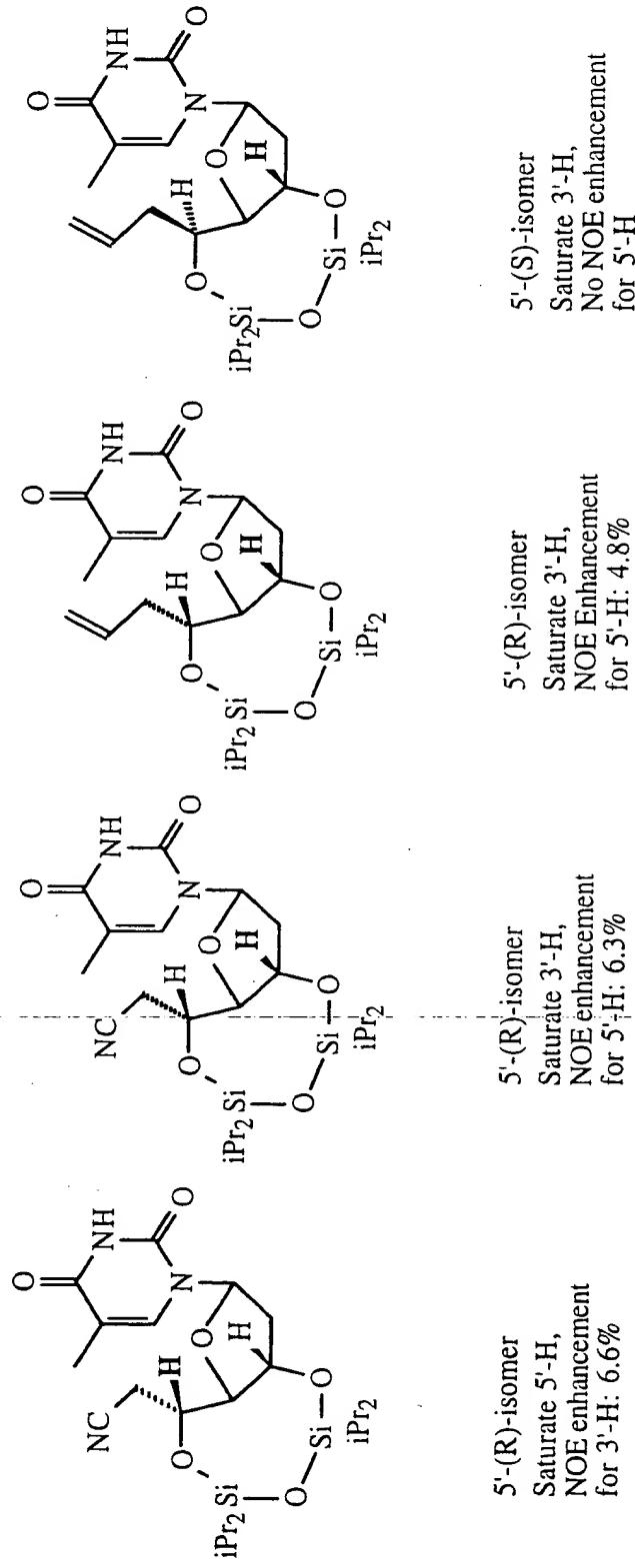
Figure 10. Reaction scheme 7.



**Figure 11.** Reaction scheme 8.

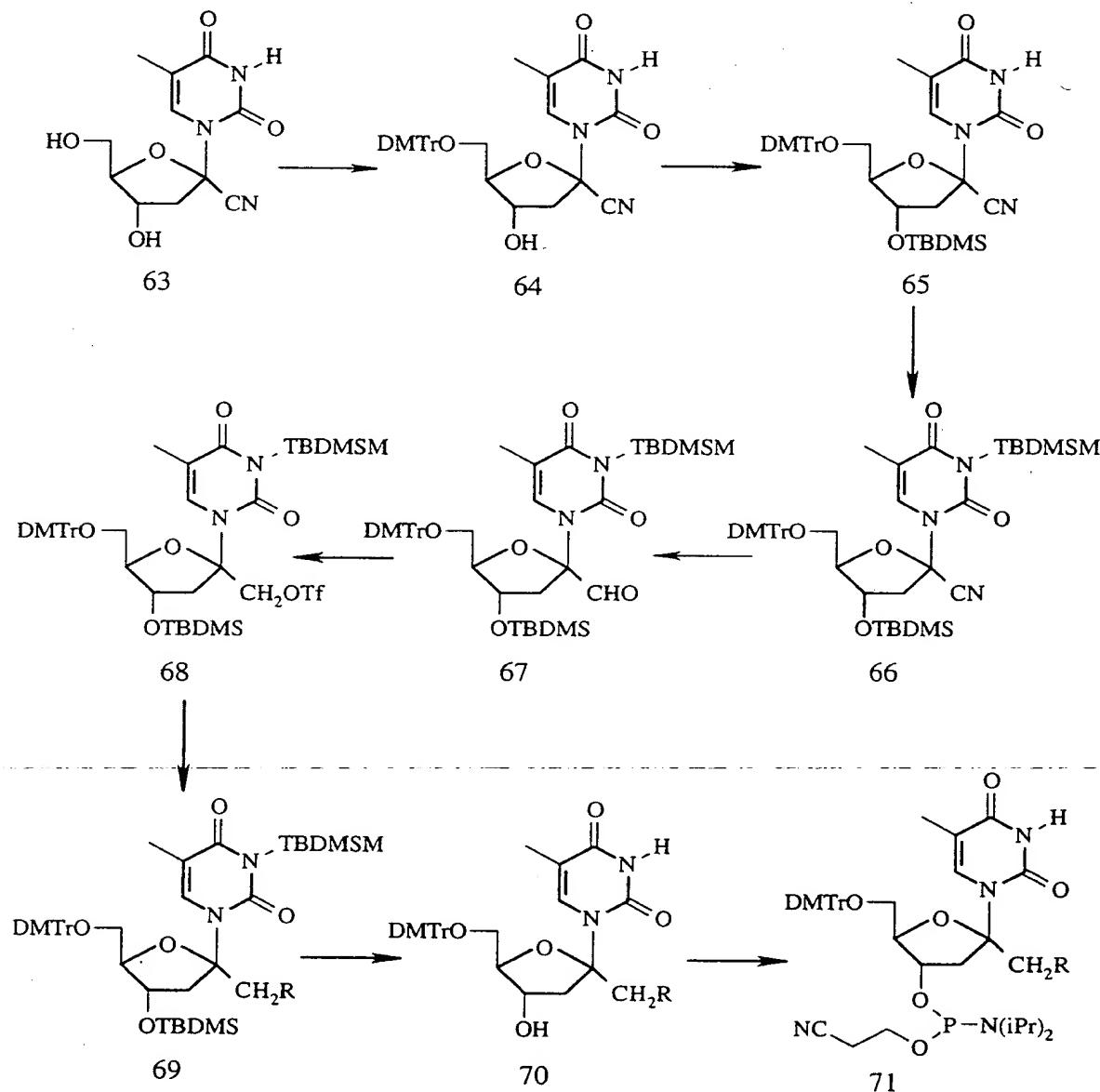
\* 5-(R)-Isomers were subjected to the same conversions.

**Figure 12.** Chart 1. Stereochemistry of 5'-C-Branched Thymidines: NOE Experiments



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Figure 13. Reaction scheme 9.



TBDMSM = t-butyldimethylsilyloxymethyl

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Figure 14. Reaction scheme 10.

